

# Video Switch

4-to-1 Component YPbPr A/V Switch with Remote Control

CPNT410IR

Instruction Manual



Actual product may vary from photo

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This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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## Introduction

Thank you for purchasing a StarTech.com 4-to-1 Component YPbPr A/V switch. This product allows you to connect up to four A/V devices that have Component Video and either Digital Coax audio or RCA audio output to a display using a single set of inputs. You can use either the front panel **select** button, the included remote control, or an existing component remote to toggle between inputs, using the remote learning feature. This product is perfect for use with DVD players, VCRs, game consoles and other video devices when you have a limited number of inputs available on your TV or other display.

## Features

- Connect up to four devices to your TV using a single set of inputs
- You can program the video switch to work with your existing universal remote
- Maintains clear audio and video signals for excellent performance

## Before You Begin

### System Requirements

- A display that has at least one set of inputs that accommodate RCA audio or Digital Coax audio and component video
- A set of cables for each device to be connected to the switch that use RCA audio or Digital Coax audio and component video
- A set of cables to connect the switch to the display, using RCA audio or Digital Coax audio and component video

**NOTE: If you are using Digital Coax to connect a device to the switch, Digital Coax will be required between the switch and the display in order for the selected component to properly output an audio signal. Similarly, if you are using RCA audio to connect between a component and the switch, RCA audio must be used between the switch and the display.**

### Contents

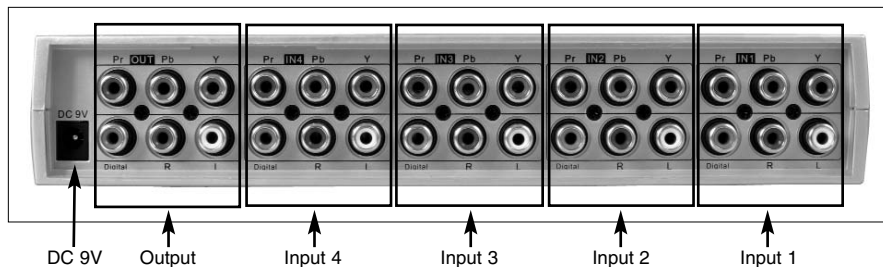
This package should contain:

- Component/Audio Switcher (1)
- 9V DC Power Adapter (1)
- Instruction manual (1)
- Remote Control (1)

## Installation

These instructions assume that the display has at least one available set of inputs that use Component Video, as well as RCA or Digital Coax audio capability, and that all the devices have their cables attached. You may need to disconnect an existing device from the display to make an input available and re-connect that device once the video switch has been suitably configured.

### Connecting Devices to the Switch



**NOTE:** These instructions assume that all devices connected to the switch use the same connection that the switch will use to connect to the display (i.e. the switch connects to the Component Video input on a television, so all devices will be connected to the switch using Component Video cables).

1. Situate the switch near the display and the devices you wish to use with the switch.
2. Using the color-coding on the jacks, connect one of the designated components to the corresponding ports marked **IN1**.
3. Connect up to three additional devices following the instructions in step 2.
4. Connect RCA audio or digital coax cables and a composite video cable to the ports labeled **OUTPUT** on the video switch. Connect the opposite end of those cables to the appropriate connectors on the display (normally marked as **A/V IN** or similar).
5. Connect the power adapter (provided) to the port marked **DC 9V** on the video switch. Connect the opposite end to a wall outlet or other suitable power source.

The video switch is now ready to use.

### Using the Video Switch



Once you have connected devices to the video switch, you can proceed to test the connection to the television or other display. Turn on the display, and select the input to which you connected the video switch. Consult the documentation for your display if you are unsure on how to select A/V inputs. Usually, there will be a button on the display's remote or front panel labeled **INPUT** or **A/V**. If the display has multiple inputs, you will need to ensure the input you have selected corresponds to the connectors on the television you used for the switch. A red LED indicator will light on the front panel of the switch to show which device is active.

Power on all of the devices you connected to the video switch. You should now be able to use the **SELECT** button on the video switch to select which device has an active connection to the display.

### Using the Remote Learning Feature

This video switch allows you to select an input using the signal from any remote, using the remote learning feature. To program an existing remote to work with CPNT410IR:

1. Press and hold the **LEARN** button on the video switch until the LED indicator for input 1 begins to flash.
2. Aim your universal remote at the video switch. Press the key on the remote that corresponds to the key you want to use to select input 1 on the video switch (i.e. **DVD**, **VCR**, **SATELLITE** etc.) Once the video switch has stored that setting, the LED indicator for input 2 will flash on the video switch.
3. Repeat this process for inputs 2, 3, and 4. When the process is complete, the video switch will automatically return to the input you selected before entering Learn Mode. To abort the programming at any time, press the **LEARN** button once.

### Troubleshooting

If you're having difficulty using the video switch, try the following solutions based on the nature of the problem.

***None of the devices connected to the video switch are displayed on the screen.***

- 1) Ensure the video switch is plugged in and receiving power. One LED indicator on the front panel will be lit when the switch is receiving power.
- 2) Try selecting another input on the display and verify which input the switch is

connected to. Most displays will have their A/V inputs marked with a number, so ensure the input selected on the screen matches the physical connection between the switch and the display.

- 3) Verify cable connections between the video switch and display are snug.

***Some of the devices connected to the switch do not appear on the display when they are connected.***

- 1) Ensure the device you selected is powered on and that it has media inserted (if applicable: tape, DVD, etc.). If needed, press play on the device to ensure an image is displayed.
- 2) Ensure that all the cable connections between devices and the switch are correct and snug. Also ensure that the device is connected to the set of inputs that you selected on the switch.

***Video or audio quality is poor.***

- 1) Ensure the connections between the devices and the switch, and the switch and the display, are snug.
- 2) Try using a higher quality A/V cable to make the connection between the devices and the switch for the best possible performance.

## **Accessory Products from StarTech.com**

Contact your local StarTech.com dealer or visit [www.startech.com](http://www.startech.com) for cables or other accessories that will help you get the best performance out of your new product.

### **Component Cables**

#### **ZENCPNT1**

Cable ZEN 3.3 ft (1m) Component Video Cable

#### **ZENCPNT2**

Cable ZEN 6.6 ft (2m) Component Video Cable

#### **ZENCPNT3**

Cable ZEN 9.8 ft (3m) Component Video Cable

### **Digital Coax Cables**

#### **ZENDIGCOAX1**

Cable ZEN 3.3 ft (1m) Digital Coaxial Audio Cable

#### **ZENDIGCOAX2**

Cable ZEN 6.6 ft (2m) Digital Coaxial Audio Cable

#### **ZENDIGCOAX3**

Cable ZEN 9.8 ft (3m) Digital Coaxial Audio Cable

#### **COAXSPDIF3**

3 ft Premium Digital Coaxial Audio Cable

#### **COAXSPDIF6**

6 ft Premium Digital Coaxial Audio Cable

#### **COAXSPDIF12**

12 ft Premium Digital Coaxial Audio Cable

### **RCA Audio Cables**

#### **ZENAUDLR1**

Cable ZEN 3.3 ft (1m) RCA Audio Cable

#### **ZENAUDLR2**

Cable ZEN 6.6 ft (2m) RCA Audio Cable

#### **ZENAUDLR3**

Cable ZEN 9.8 ft (3m) RCA Audio Cable

#### **AUDIORCA12**

12 ft Premium RCA Audio Cable

#### **AUDIORCA3**

3 ft Premium RCA Audio Cable



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